LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	22	rVB	280502	273409	80.81%	10.313%
2	1.494	41	48	61	rVB	11363	11709	3.46%	0.442%
3	1.594	71	79	90	rBV3	118388	180156	53.25%	6.796%
4	1.668	97	102	108	rBV4	5801	7847	2.32%	0.296%
5	1.739	119	124	133	rVB	22294	25470	7.53%	0.961%
6	1.919	174	180	190	rVB2	27022	39364	11.63%	1.485%
7	2.166	249	257	265	rVV	28554	38682	11.43%	1.459%
8	2.218	266	273	296	rVB5	11014	22403	6.62%	0.845%
9	2.427	329	338	347	rVB3	11308	17607	5.20%	0.664%
10	2.578	370	385	401	rBV	38326	62619	18.51%	2.362%
11	2.678	401	416	419	rBV	3871	7956	2.35%	0.300%
12	2.986	497	512	521	rBV5	4443	12427	3.67%	0.469%
13	3.205	569	580	591	rVB3	2050	4501	1.33%	0.170%
14	3.607	692	705	718	rBV4	3601	7771	2.30%	0.293%
15	4.668	1018	1035	1083	rBV	32525	151856	44.88%	5.728%
16	5.083	1148	1164	1186	rBB2	41923	93219	27.55%	3.516%
17	5.742	1349	1369	1393	rBV2	75166	207708	61.39%	7.835%
18	6.263	1517	1531	1547	rBV	76510	140022	41.38%	5.282%
19	6.703	1655	1668	1683	rBV	54362	101185	29.91%	3.817%
20	7.575	1928	1939	1952	rBV	23336	40480	11.96%	1.527%
21	7.906	2028	2042	2054	rBV	79352	134775	39.83%	5.084%
22	7.976	2054	2064	2077	rVB	32728	54563	16.13%	2.058%
23	8.185	2119	2129	2142	rVB2	16068	26329	7.78%	0.993%
24	8.642	2258	2271	2298	rBV	180524	338341	100.00%	12.762%
25	9.420	2500	2513	2536	rBV	113517	184686	54.59%	6.966%
26	10.755	2916	2928	2941	rVB	47177	74192	21.93%	2.799%
27	11.806	3244	3255	3268	rVB	103947	160716	47.50%	6.062%
28	12.057	3323	3333	3352	rBV	20378	38984	11.52%	1.470%
29	12.189	3363	3374	3389	rVB	92211	146469	43.29%	5.525%
30	12.764	3546	3553	3561	rVB4	2637	3399	1.00%	0.128%
31	15.208	4301	4313	4326	rBV	16644	24991	7.39%	0.943%
32	15.394	4361	4371	4382	rVB	11479	17236	5.09%	0.650%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Title : TRACE VOA SOM01.0

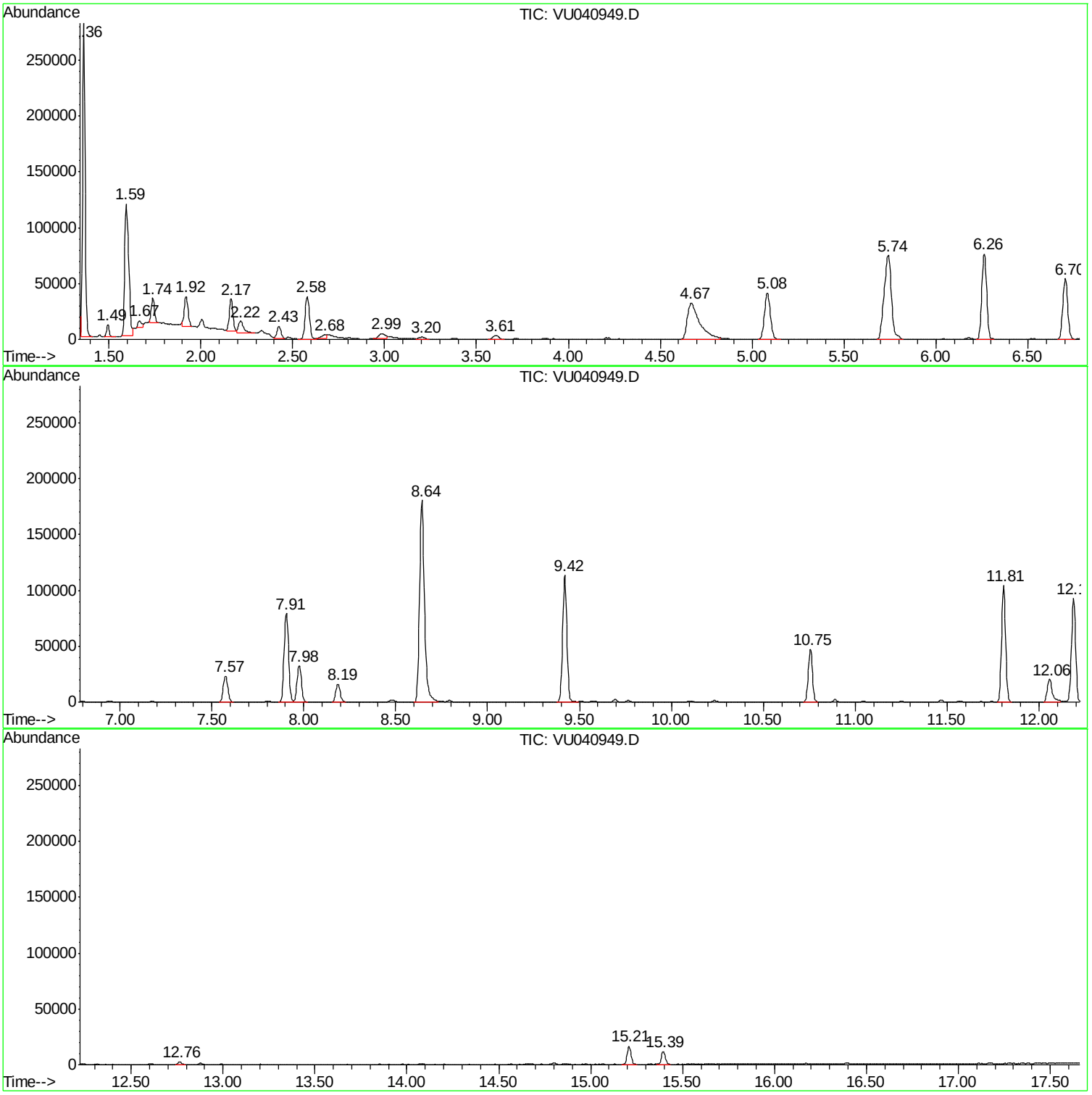
Sum of corrected areas: 2651072

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

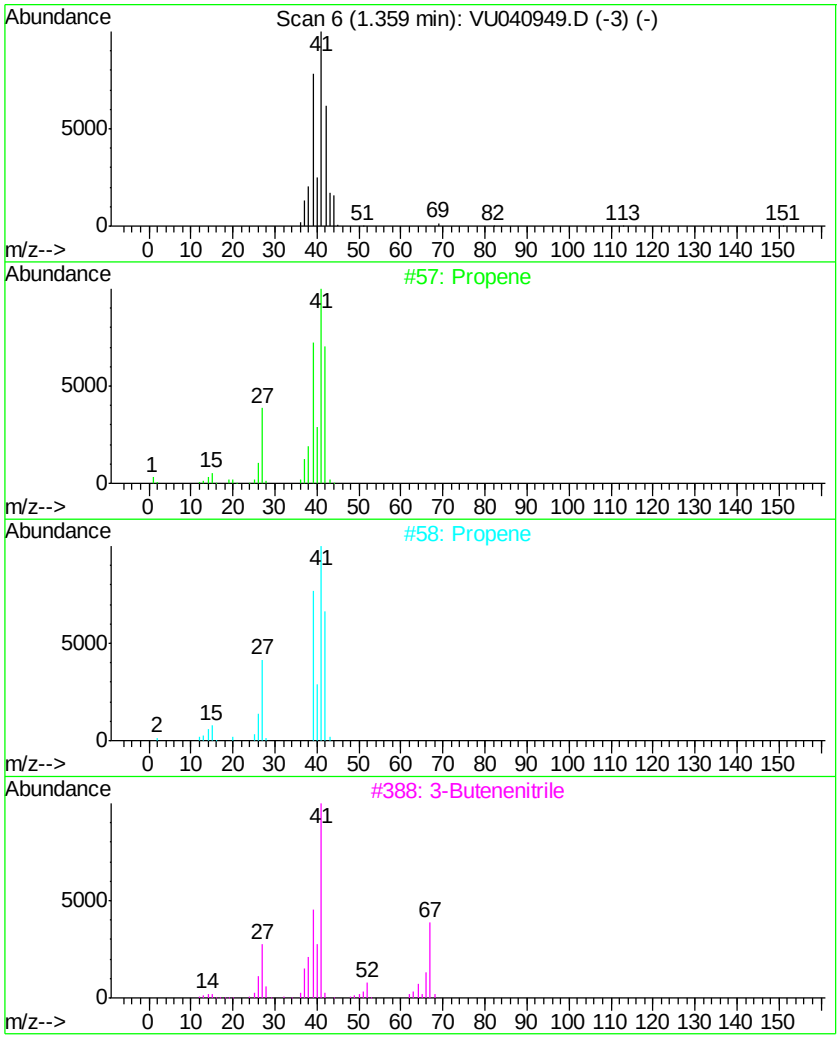
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

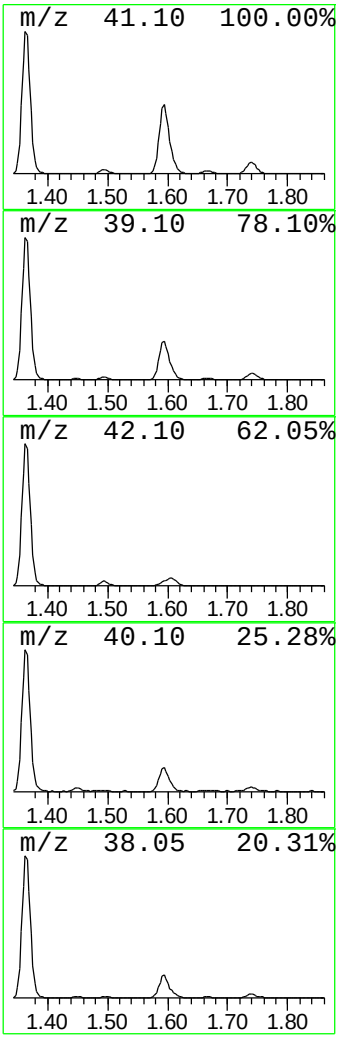
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	9.76 ug/L	273409	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	3-Butenenitrile	67	C4H5N	000109-75-1	9
4	Furan	68	C4H4O	000110-00-9	9
5	3-Butenenitrile	67	C4H5N	000109-75-1	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

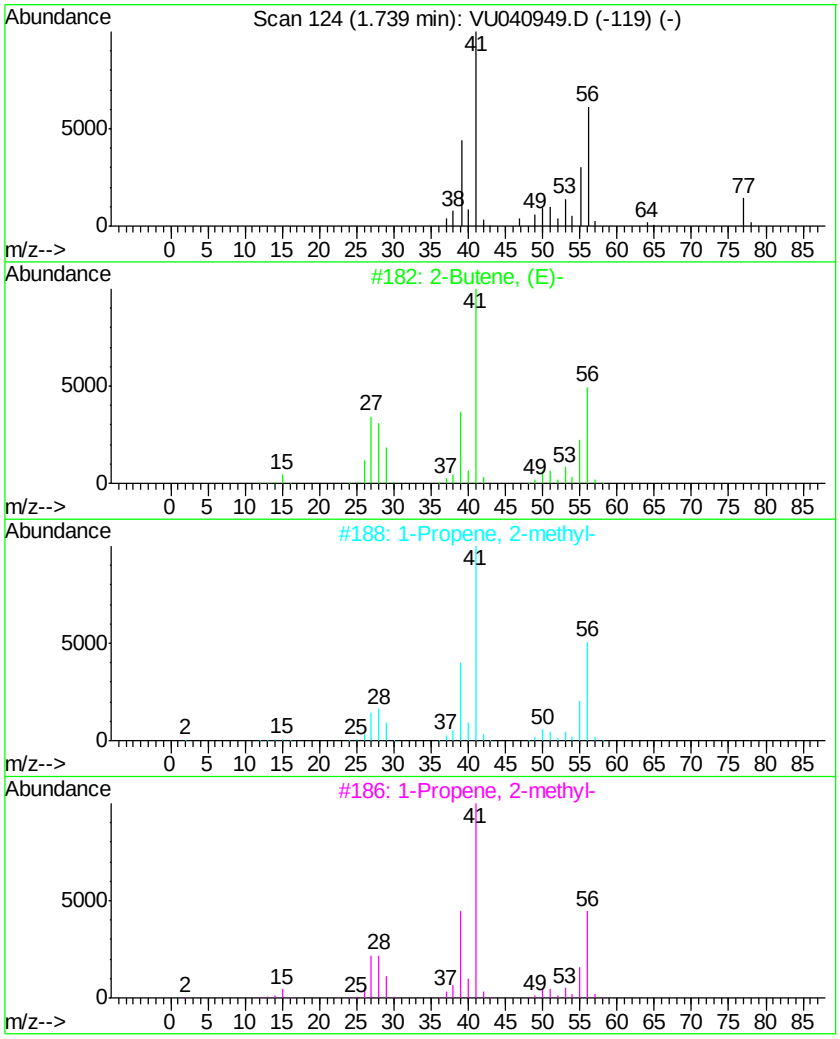
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

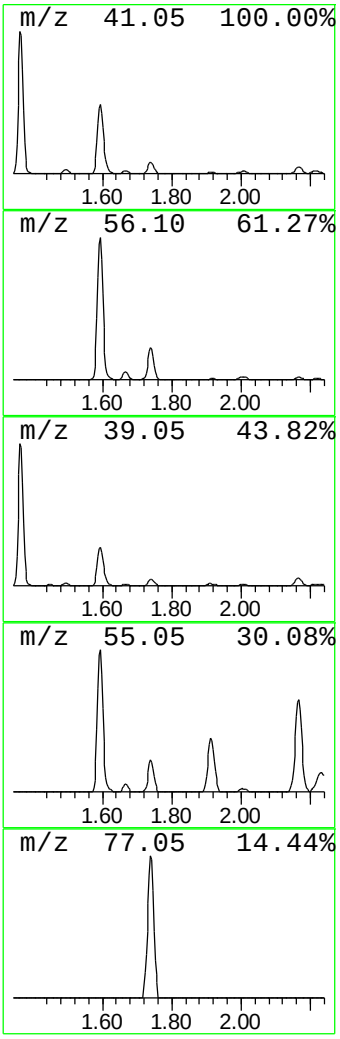
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	0.91 ug/L	25470	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (E)-	56	C4H8	000624-64-6	58
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	58
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	58
4	2-Butene, (E)-	56	C4H8	000624-64-6	58
5	2-Butene, (Z)-	56	C4H8	000590-18-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

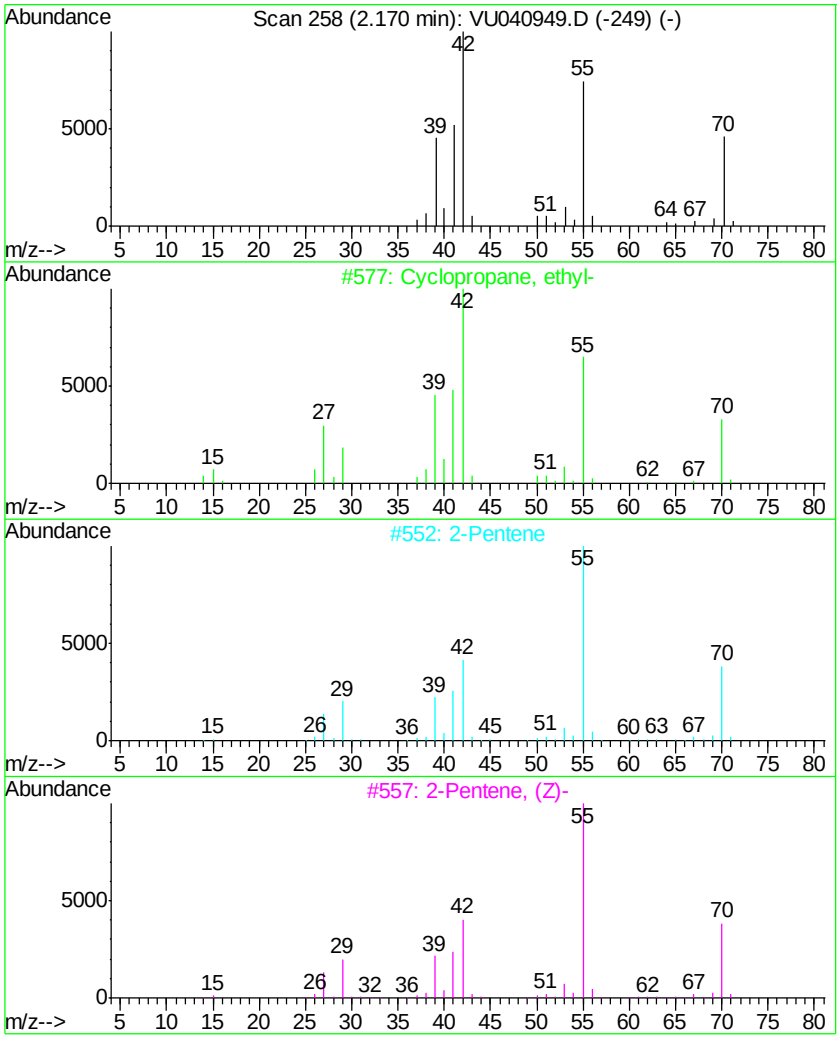
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

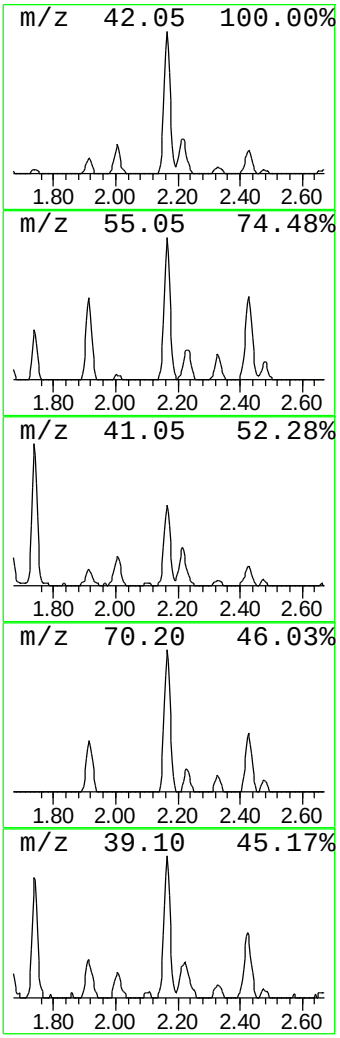
****

Peak Number 3 (DEL) Alkane: Cyclic2.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.38 ug/L	38682	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	2-Pentene	70	C5H10	000109-68-2	87
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	1-Pentene	70	C5H10	000109-67-1	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

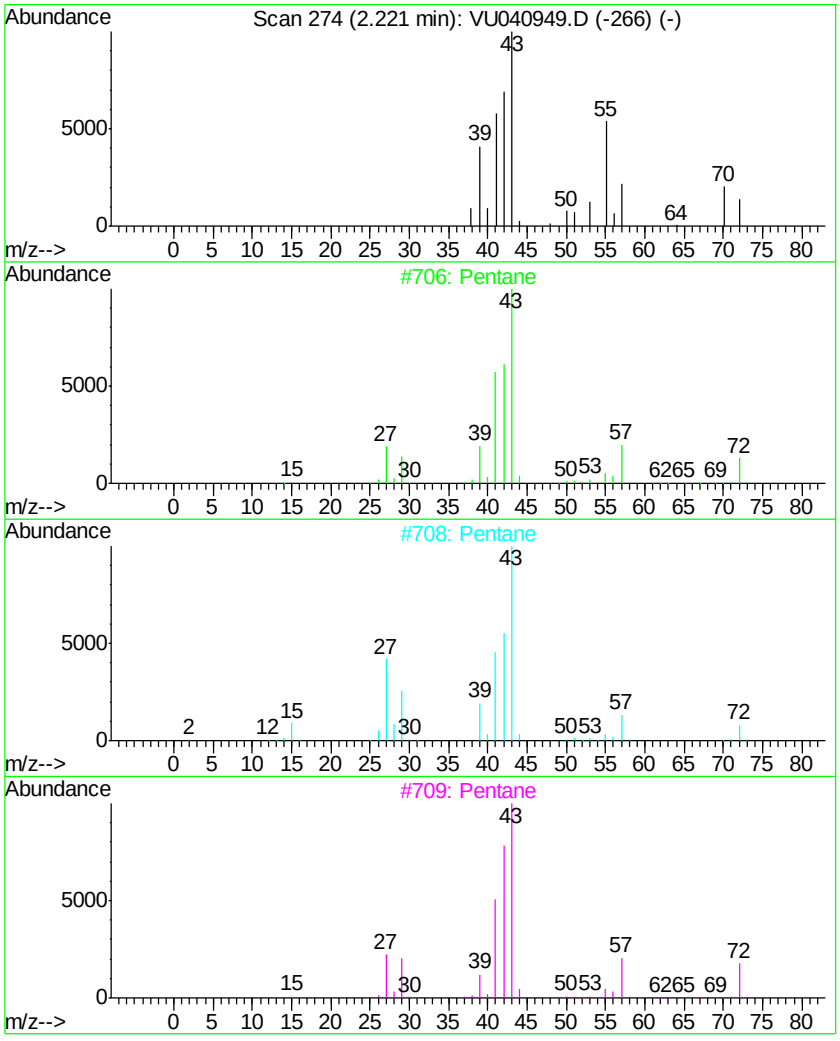
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

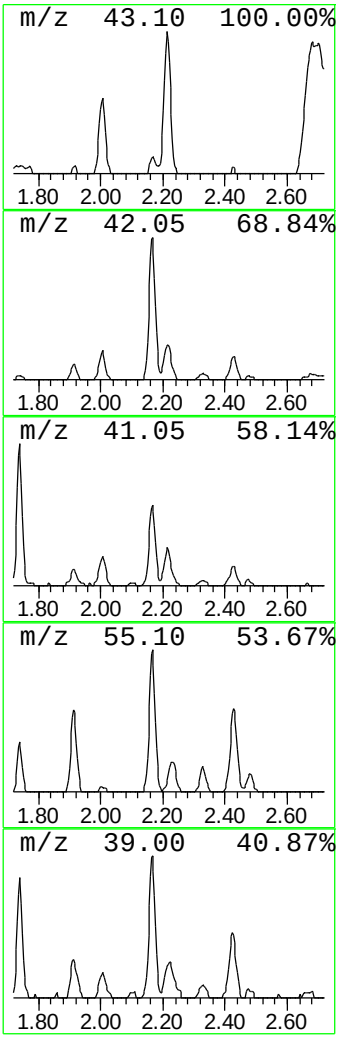
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	0.80 ug/L	22403	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	59
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	32
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	17





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

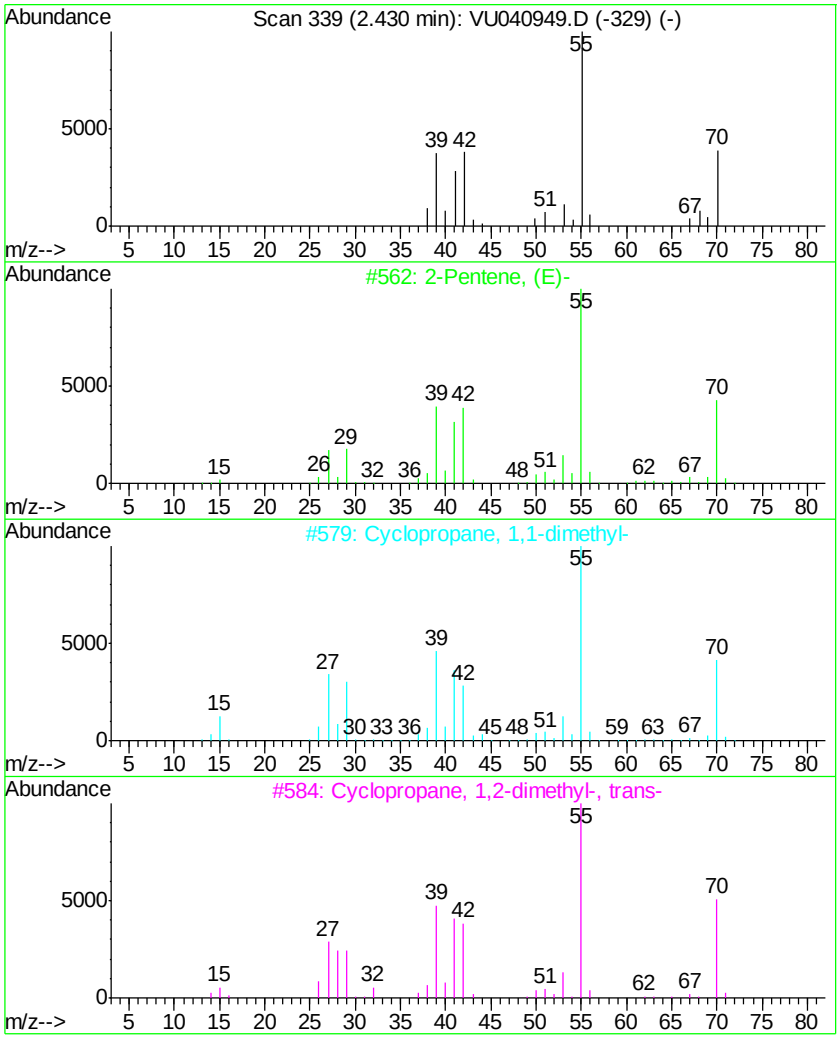
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

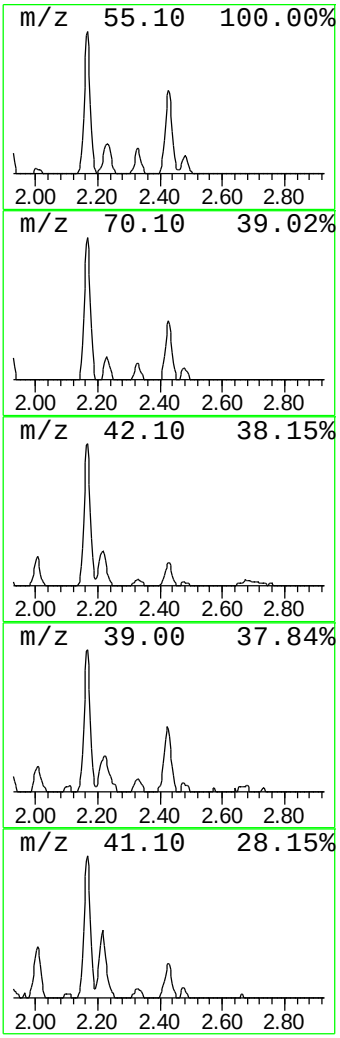
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	0.63 ug/L	17607	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	83
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	72
5	2-Methyl-1-butene	70	C5H10	000563-46-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

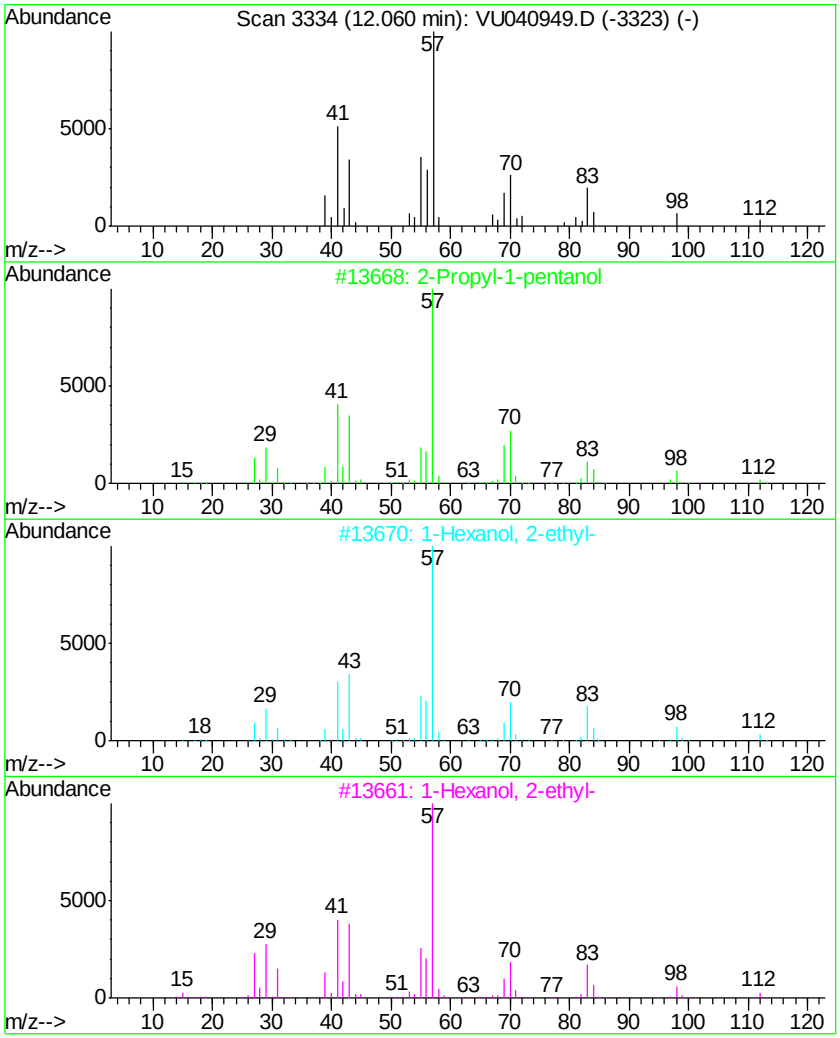
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

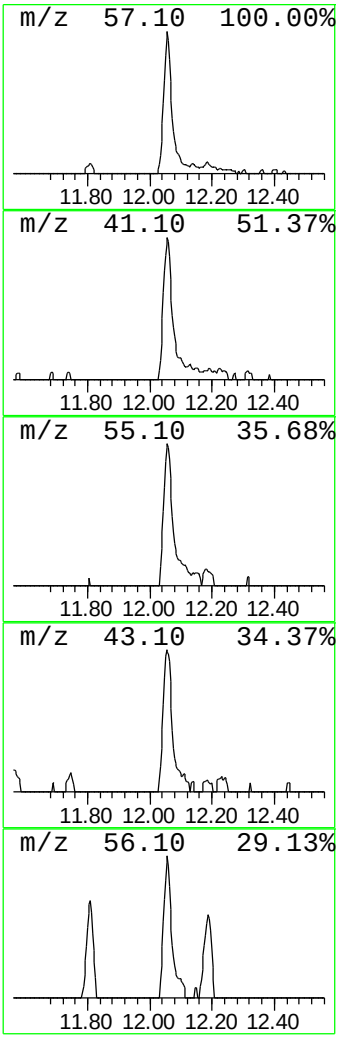
****

Peak Number 7 2-Propyl-1-pentanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	1.21 ug/L	38984	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

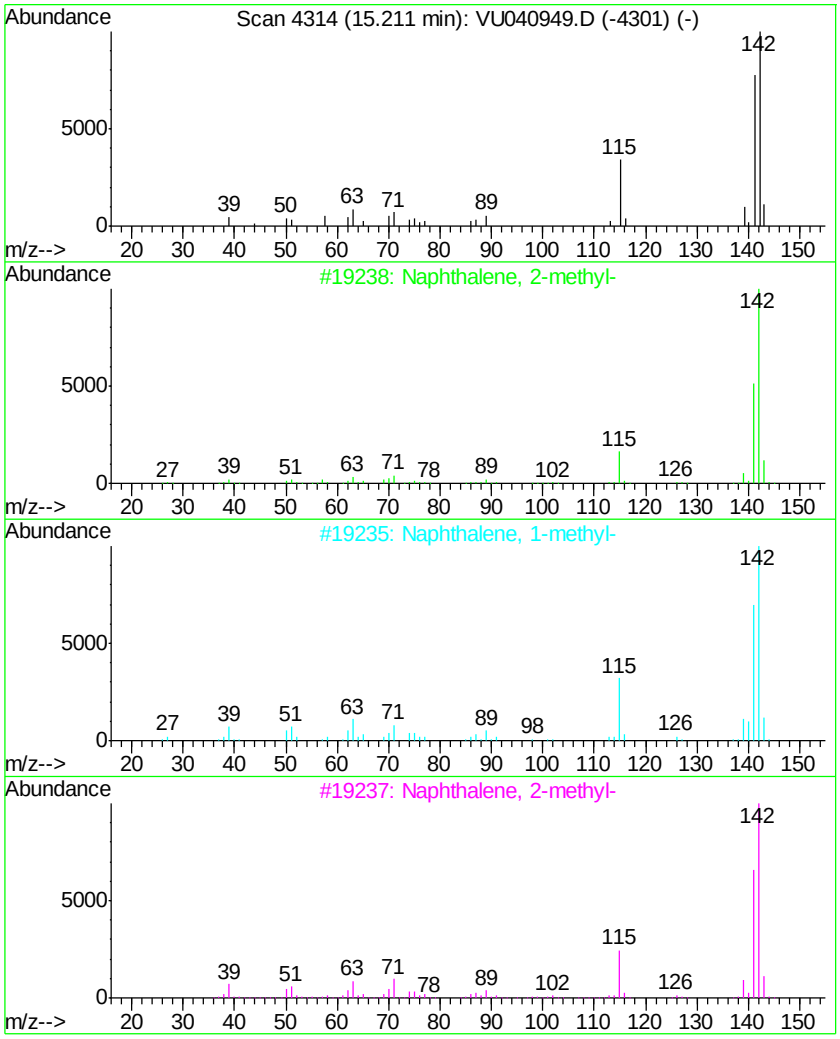
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

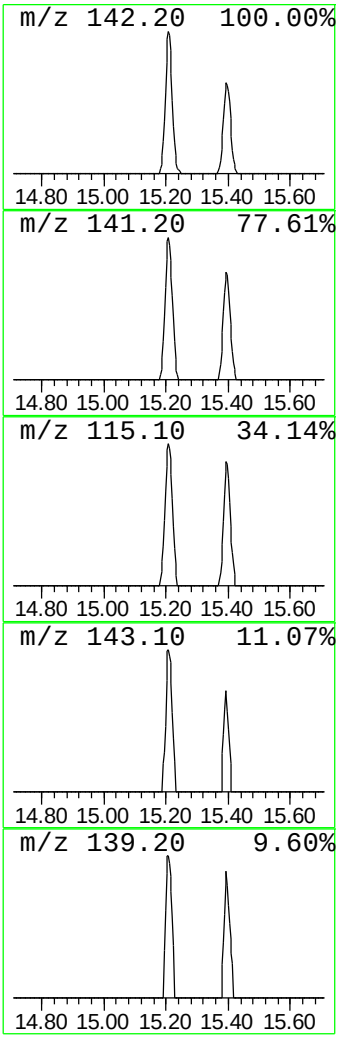
****

Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	0.78 ug/L	24991	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

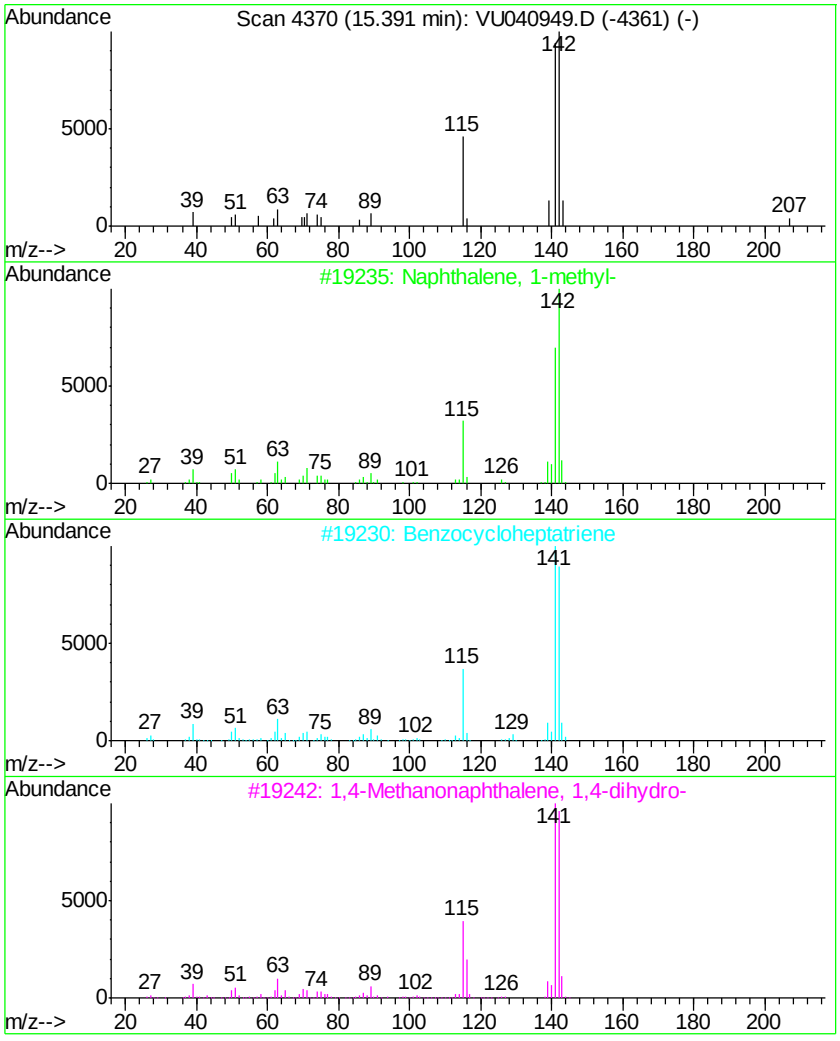
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

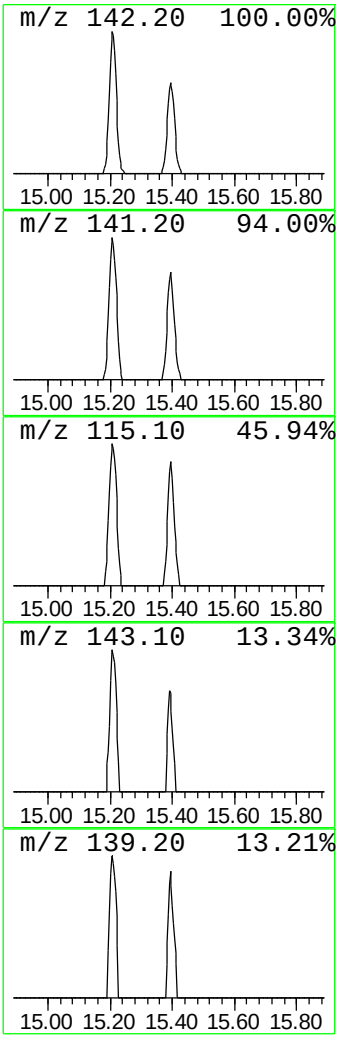
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	0.54 ug/L	17236	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040949.D
Acq On : 26 Oct 2020 17:11
Operator : SY/MD
Sample : L4492-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.36	9.8	ug/L	273409	1	6.26	140022	5.0
(DEL) Alkane: Str...	1.74	0.9	ug/L	25470	1	6.26	140022	5.0
(DEL) Alkane: Cyc...	2.17	1.4	ug/L	38682	1	6.26	140022	5.0
(DEL) Alkane: Str...	2.22	0.8	ug/L	22403	1	6.26	140022	5.0
(DEL) Alkane: Str...	2.43	0.6	ug/L	17607	1	6.26	140022	5.0
2-Propyl-1-pentanol	12.06	1.2	ug/L	38984	3	11.81	160716	5.0
Naphthalene, 2-me...	15.21	0.8	ug/L	24991	3	11.81	160716	5.0
Naphthalene, 1-me...	15.39	0.5	ug/L	17236	3	11.81	160716	5.0